

Converting Colors

RYB(200, 213, 203)

Have a look what the booklet for
RYB(200, 213, 203) contains.

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Color

R_YB(200, 213, 203)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5C8
RGB	210, 213, 200
RGB Percent	82%, 84%, 78%
CMY	0.1765, 0.1647, 0.2157
CMYK	0.01, 0.00, 0.06, 0.16
HSL	74°, 13%, 81%
HSV	74°, 6%, 84%
XYZ	60.7979, 65.4603, 64.0743
YIQ	210.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

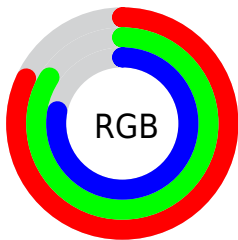
Format	Color
R_{YB}	200, 213, 203
Decimal	13817288
CIE _{Lab}	84.72, -3.33, 6.06
CIE _{LCh}	85, 6.911, 118.790
Yxy	65.4603, 0.3194, 0.3439
Android (android.graphics.Color)	4292007368 (0xFFD2D5C8)
YUV	210.6210, -5.2362, -0.5446
Hunter-Lab	80.9075, -7.4544, 9.6809

Details

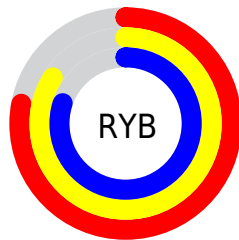
The RYB color **200, 213, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 200, 213**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 158, 148** is the 20% darker color. If you saturate the color by 10%, you get **179, 213, 187**, and if you desaturate by 10%, it is **215, 213, 221**.

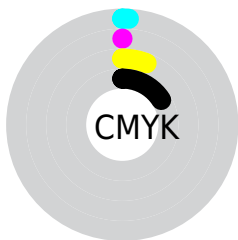
Distribution



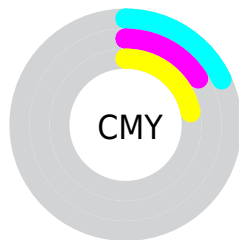
- Red (82%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 213, 203 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 200, 213, 203 by changing the saturation by 10% instead.

■ 200, 213, 203

255, 255, 255

■ 200, 213, 203

■ 173, 185, 176

■ 146, 158, 148

■ 120, 132, 122

■ 96, 107, 99

■ 72, 83, 75

■ 50, 60, 53

■ 29, 38, 31

■ 2, 18, 5

■ 0, 0, 0

 200, 213, 203

 200, 213, 203

 179, 213, 187

 215, 213, 221

 157, 213, 170

 220, 213, 243

 136, 213, 154

 225, 213, 255

 115, 213, 138

 230, 213, 255

 94, 213, 122

 235, 213, 255

 72, 213, 104

 239, 213, 255

 51, 213, 88

 244, 213, 255

 30, 213, 72

 249, 213, 255

 8, 213, 55

 254, 213, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 217, 199



200, 213, 203



203, 213, 215

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200, 213, 203



198, 208, 222



225, 207, 212

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



200, 213, 203



203, 200, 213

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 208, 218



200, 213, 203



205, 210, 224

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200, 213, 203



196, 206, 217



213, 210, 223



226, 209, 205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200, 213, 203



199, 209, 215



213, 210, 223



224, 207, 214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



200, 213, 203



250, 255, 251



213, 204, 200



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200, 213, 203



237, 255, 241



200, 213, 209



99, 107, 101



0, 171, 40



0, 43, 10

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



203, 200, 213



241, 237, 255



209, 200, 213



101, 99, 107



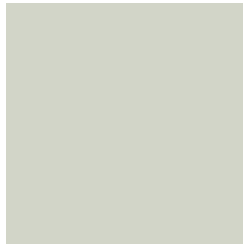
39, 0, 171



10, 0, 43

Previews

White Background



This preview shows how the RYB color 200, 213, 203 looks on a white background.

Color Contrast Check

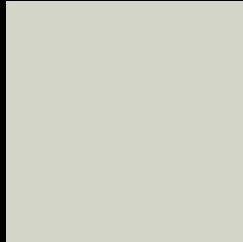
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 200, 213, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

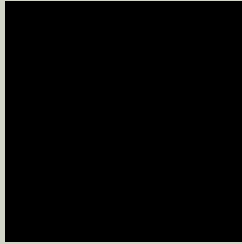
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

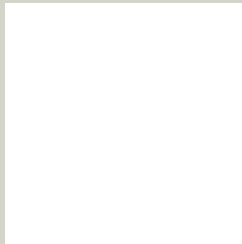
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 200, 213, 203 Background



This preview shows how black text looks on a background with the RYB color 200, 213, 203.

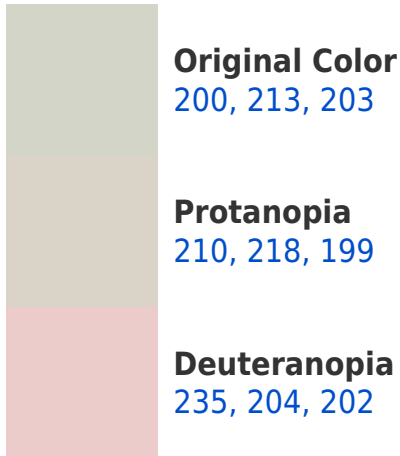



This preview shows how white text looks on a background with the RYB color 200, 213, 203.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
214, 209, 226

Trichromacy



Original Color

200, 213, 203

Protanomaly

203, 215, 199

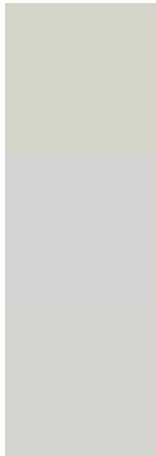
Deuteranomaly

226, 209, 201

Tritanomaly

213, 210, 217

Monochromacy



Original Color

200, 213, 203

Achromatopsia

211, 211, 211

Achromatomaly

207, 212, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 213, 203 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(210, 213, 200) looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 200) }
```

Border

The CSS property to change the border of an element to RYB 200, 213, 203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 213, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 213, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 200, 213, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
213, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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